

#8A  
RP  
3-2-01

Sir:

Prior to examination of the above-identified new national phase patent application, please amend the application, as follows:

**In the Title:**

Replace "A Method for Identifying Cancerigenic Agents Using a Mammal With Inhibition of the Poly (ADP Ribose) Polymerase" with --Mammal with Inhibition of the Poly (ADP Ribose) Polymerase and Method for Using Same to Identify Cancerigenic Agents--.

**In the Claims:**

Cancel claims 1 and 7-9.

In claim 2, replace "2)" with --2.--, replace "process" with --method-- and replace "1" with --10--.

In claim 3, replace "3)" with --3.--, replace "process" with --method-- and replace "1" with --10--.

In claim 4, replace "4)" with --4.--, replace "process" with --method-- and replace "1" with --10--.

In claim 5, replace "5)" with --5.--, replace "process" with --method-- and replace "1" with --10--.

In claim 6, replace "6)" with --6.--, replace "process" with --method-- and replace "1" with --10--.

Add the following new claims 10-15.

10. A method for identifying cancerogenic agents, said method comprising the step of administering one or more potentially carcenogenic agents to a mammal having a genome comprising a DNA repair disturbance caused by inhibiting the poly(ADP ribose)polymerase.
11. A transgenic mammal comprising a genome comprising a DNA repair disturbance caused by inhibiting the poly(ADP ribose)polymerase.
12. The transgenic mammal of claim 11 wherein the mammal is a mouse.
13. The transgenic mammal of claim 11 wherein the inhibition of the poly(ADP-ribose)polymerase is caused by expression of a dominant negative poly(ADP ribose)polymerase.
14. The transgenic mammal of claim 11 wherein the inhibition of the poly(ADP-ribose)polymerase is made by a transgenic operation.
15. The transgenic mammal of claim 11 wherein the genome of the mammal comprises the DNA construct shown in Figure 1.